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OM nucleic - nucleic search, using sw model

Run on: August 22, 2002, 00:50:57 ; Search time 663.62 seconds
(without alignments)
85.144 Million cell updates/sec

Title: US-10-046-955-51

Perfect score: 21

Sequence: 1 ctaacacctcgcaactggaga 21

Scoring table: IDENTITY_NUC

Gap 10.0 , Gapext 1.0

Searched: 1721111 seqs, 1345317543 residues

Total number of hits satisfying chosen parameters: 3442222

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending_Patents_NA_New:*
1: /cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*
2: /cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*
3: /cgn2_6/ptodata/2/pna/US07_NEW_COMB.seq:*
4: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*
5: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/US10_NEW_COMB.seq:*
7: /cgn2_6/ptodata/2/pna/US10_NEW_COMB.seq2:*
8: /cgn2_6/ptodata/2/pna/US60_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	21	100.0	21	7	US-10-046-955-51
2	21	100.0	319	7	US-10-046-955-6
3	17	81.0	510	5	US-09-620-393B-5370
4	16.2	77.1	499	7	US-10-027-632-136133
5	16.2	77.1	459	7	US-10-027-632-136134
6	16.2	77.1	1037	7	US-10-027-632-259445
7	16.2	77.1	1037	7	US-10-027-632-259446
8	16.2	77.1	1037	7	US-10-027-632-259447
9	16.2	77.1	33769	1	PCT-US02-15982-8
10	16.2	77.1	33769	5	US-09-544-398A-8
11	16.2	77.1	33769	5	US-09-544-398B-8
12	15.8	75.2	341	8	US-60-360-039-29617
13	15.2	72.4	294	5	US-09-540-210B-34637
14	15.2	72.4	498	7	US-10-027-632-224405
15	15.2	72.4	723	7	US-10-027-632-20739
16	15.2	72.4	792	7	US-10-027-632-137644
17	15.2	72.4	792	7	US-10-027-632-137645
18	15.2	72.4	856	7	US-10-155-881-37126
19	15.2	72.4	884	6	US-10-098-754-14341
20	15.2	72.4	1244	5	US-09-886-492-14875
21	15.2	72.4	1932	5	US-09-665-308D-17
22	15.2	72.4	2685	5	US-09-935-625-16439
23	15.2	72.4	2685	5	US-09-935-625-24778
24	15.2	72.4	2712	5	US-09-935-625-9769
25	15.2	72.4	2712	5	US-09-935-625-26473

26	15.2	72.4	2757	5	US-09-935-625-10050	Sequence 10050, A
27	15.2	72.4	2757	5	US-09-935-625-26637	Sequence 26637, A
c 28	15.2	72.4	11485	6	US-10-205-219-144	Sequence 144, Ap
c 29	14.8	70.5	209	5	US-09-886-492-7487	Sequence 7487, Ap
c 30	14.8	70.5	258	5	US-09-975-254-27983	Sequence 27983, A
c 31	14.8	70.5	284	5	US-09-540-210B-34924	Sequence 34924, A
c 32	14.8	70.5	316	5	US-09-698-495-425	Sequence 425, App
c 33	14.8	70.5	332	5	US-09-886-492-3043	Sequence 3043, Ap
c 34	14.8	70.5	422	7	US-10-011-154-3257	Sequence 3257, Ap
c 35	14.8	70.5	478	5	US-09-918-995-31316	Sequence 31316, A
c 36	14.8	70.5	571	7	US-10-027-632-22591	Sequence 22591, A
c 37	14.8	70.5	571	7	US-10-027-632-22592	Sequence 22592, A
c 38	14.8	70.5	571	7	US-10-027-632-22593	Sequence 22593, A
c 39	14.8	70.5	586	5	US-09-886-492-15318	Sequence 15318, A
c 40	14.8	70.5	800	7	US-10-027-632-170361	Sequence 170361, A
c 41	14.8	70.5	906	6	US-10-098-754-11987	Sequence 11987, A
c 42	14.8	70.5	1161	7	US-10-155-881-35934	Sequence 35934, A
c 43	14.8	70.5	1165	7	US-10-155-881-35795	Sequence 35795, A
c 44	14.8	70.5	1214	7	US-10-155-881-14652	Sequence 14652, A
c 45	14.8	70.5	1372	7	US-10-155-881-14650	Sequence 14650, A

ALIGNMENTS

RESULT 1

US-10-046-955-51
; Sequence 51, Application US/10046955
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as Represented by the
; APPLICANT: Secretary of the Department of Health and Human Services, Centers for
; APPLICANT: Control and Prevention
; APPLICANT: Morrison, Christine J.
; APPLICANT: Reiss, Errol
; APPLICANT: Aidorevich, Lilliana
; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and
; TITLE OF INVENTION: Other Filamentous Fungi
; FILE REFERENCE: 6395-62064
; CURRENT APPLICATION NUMBER: US/10/046,955
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 09/423,233
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: PCT/US98/08926
; PRIOR FILING DATE: 1998-05-01
; PRIOR APPLICATION NUMBER: US 60/045,400
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Fusarium solani
US-10-046-955-51

Query Match 100.0%; Score 21; DB 7; Length 21;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 ctaacacctcgcaactggaga 21
|||||
Db 1 ctaacacctcgcaactggaga 21

RESULT 2
US-10-046-955-6
; Sequence 6, Application US/10046955
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as Represented by the
; APPLICANT: Secretary of the Department of Health and Human Services, Centers for
; APPLICANT: Control and Prevention
; APPLICANT: Morrison, Christine J.

```
; APPLICANT: Reiss, Errol
; APPLICANT: Aldorevich, Liliانا
; APPLICANT: Choi, Jong Soo
; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and
; TITLE OF INVENTION: Other Filamentous Fungi
; FILE REFERENCE: 6395-62064
; CURRENT APPLICATION NUMBER: US/10/046,955
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 09/423,233
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: PCT/US98/08926
; PRIOR FILING DATE: 1998-05-01
; PRIOR APPLICATION NUMBER: US 60/045,400
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 319
; TYPE: DNA
; ORGANISM: Fusarium solani
US-10-046-955-6

Query Match          100.0%; Score 21; DB 7; Length 319;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ctaacactcgcaactggaga 21
    ||||| ||||| ||||| |||||
Db 222 ctaacactcgcaactggaga 242

RESULT 3
US-09-620-393B-5270
; Sequence 5270, Application US/09620393B
; GENERAL INFORMATION:
; APPLICANT: ALEXANDROV, Nikolai et al.
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
; TITLE OF INVENTION: THEREBY
; FILE REFERENCE: 2750-1088P
; CURRENT APPLICATION NUMBER: US/09/620,393B
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 9948
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5270
; LENGTH: 510
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..510
; OTHER INFORMATION: any n = a, g, c, t, unknown, or other
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..510
; OTHER INFORMATION: Ceres Seq. ID 1390380
US-09-620-393B-5270

Query Match          81.0%; Score 17; DB 5; Length 510;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 caccctcgcaactggaga 21
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Db 37 caccctcgcaactggaga 53

RESULT 4
US-10-027-632-136133
; Sequence 136133, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
```

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; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136133
; LENGTH: 499
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-136133

Query Match          77.1%; Score 16.2; DB 7; Length 499;
Best Local Similarity 85.7%; Pred. No. 78;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacactcgcaactggaga 21
    ||||| ||||| ||||| |||||
Db 55 ctaactctctcccactggaga 75

RESULT 5
US-10-027-632-136134
; Sequence 136134, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136134
; LENGTH: 499
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-136134

Query Match          77.1%; Score 16.2; DB 7; Length 499;
Best Local Similarity 85.7%; Pred. No. 78;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 1 ctaaacacctgcgaactggaga 21
||||| ||||| ||||| |||||
Db 55 ctaaacctctcccgaactggaga 75

RESULT 6
US-10-027-632-259445
; Sequence 259445, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259445
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259445

Query Match 77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
||||| ||||| ||||| |||||
Db 496 ctaccacctgcgaactggaga 516

RESULT 7
US-10-027-632-259446
; Sequence 259446, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259446
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259446

Query Match 77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
||||| ||||| ||||| |||||
Db 496 ctaccacctgcgaactggaga 516

RESULT 8
US-10-027-632-259447
; Sequence 259447, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259447
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259447

Query Match 77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
||||| ||||| ||||| |||||
Db 496 ctaccacctgcgaactggaga 516

RESULT 9
PCT-US02-15982-8
; Sequence 8, Application PC/TUS0215982
; GENERAL INFORMATION:
; APPLICANT: Allen, Kristina M.
; APPLICANT: Anisowicz, Anthony
; APPLICANT: Bhat, Bheem
; APPLICANT: Damagnez, Veronique
; APPLICANT: Robinson, John
; APPLICANT: Yaworsky, Paul
; TITLE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions
; FILE REFERENCE: 032796-132
; CURRENT APPLICATION NUMBER: PCT/US02/15982
; CURRENT FILING DATE: 2002-05-17

; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 33769
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (33739),(33749),(33758)
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown
PCT-US02-15982-8

Query Match 77.1%; Score 16.2; DB 1; Length 33769;
Best Local Similarity 85.7%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21
||| ||||| ||||| |||
Db 25831 ctgacacctctcaactggaca 25851

RESULT 10
US-09-544-398A-8
; Sequence 8, Application US/09544398A
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398A
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 33769
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (33739),(33749),(33758)
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown
US-09-544-398A-8

Query Match 77.1%; Score 16.2; DB 5; Length 33769;
Best Local Similarity 85.7%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21
||| ||||| ||||| |||
Db 25831 ctgacacctctcaactggaca 25851

RESULT 11
US-09-544-398B-8
; Sequence 8, Application US/09544398B
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.

; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 33769
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (33739),(33749),(33758)
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown
US-09-544-398B-8

Query Match 77.1%; Score 16.2; DB 5; Length 33769;
Best Local Similarity 85.7%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21
||| ||||| ||||| |||
Db 25831 ctgacacctctcaactggaca 25851

RESULT 12
US-60-360-039-29617/c
; Sequence 29617, Application US/60360039
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Chen, Xianfeng
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)A
; CURRENT APPLICATION NUMBER: US/60/360,039
; CURRENT FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 29617
; LENGTH: 341
; TYPE: DNA
; ORGANISM: Caenorhabditis elegans
US-60-360-039-29617

Query Match 75.2%; Score 15.8; DB 8; Length 341;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 aacacctcgcaactggaga 21
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Db 71 AACACCTTGCAACTGGAAA 53

RESULT 13
US-09-540-210B-34637
; Sequence 34637, Application US/09540210B
; GENERAL INFORMATION:
; APPLICANT: Seilhamer, Jeffrey J.
; APPLICANT: Delegeane, Angelo M.
; APPLICANT: Stuart, Susan G.

us-10-046-955-51.rnpn

Thu Aug 22 09:35:35 2002

```
; APPLICANT: Stuve, Laura L.
; APPLICANT: Mullahy, Sara J.
; APPLICANT: Naughton, Rebecca E.
; TITLE OF INVENTION: POLYNUCLEOTIDES OF URINARY TRACT TISSUE
; FILE REFERENCE: PD-1037 CIP
; CURRENT APPLICATION NUMBER: US/09/540,210B
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 08/972,899
; PRIOR FILING DATE: November 18, 1997
; PRIOR APPLICATION NUMBER: 08/395,244
; PRIOR FILING DATE: February 27, 1995
; PRIOR APPLICATION NUMBER: 08/722,922
; PRIOR FILING DATE: September 27, 1996
; PRIOR APPLICATION NUMBER: 60/005,526
; PRIOR FILING DATE: September 29, 1995
; PRIOR APPLICATION NUMBER: 08/824,029
; PRIOR FILING DATE: March 25, 1997
; PRIOR APPLICATION NUMBER: 60/014,010
; PRIOR FILING DATE: March 25, 1996
; PRIOR APPLICATION NUMBER: 08/826,847
; PRIOR FILING DATE: April 10, 1997
; PRIOR APPLICATION NUMBER: 60/015,533
; PRIOR FILING DATE: April 10, 1996
; PRIOR APPLICATION NUMBER: 08/903,555
; PRIOR FILING DATE: July 31, 1997
; PRIOR APPLICATION NUMBER: 60/023,308
; PRIOR FILING DATE: July 31, 1996
; PRIOR APPLICATION NUMBER: 08/862,178
; PRIOR FILING DATE: May 22, 1997
; PRIOR APPLICATION NUMBER: 60/018,217
; PRIOR FILING DATE: May 23, 1996
; PRIOR APPLICATION NUMBER: 08/881,589
; PRIOR FILING DATE: June 24, 1997
; PRIOR APPLICATION NUMBER: 60/021,275
; PRIOR FILING DATE: June 25, 1995
; PRIOR APPLICATION NUMBER: 08/903,802
; PRIOR FILING DATE: July 31, 1997
; PRIOR APPLICATION NUMBER: 60/023,308
; PRIOR FILING DATE: July 31, 1996
; PRIOR APPLICATION NUMBER: 08/905,881
; PRIOR FILING DATE: August 1, 1997
; PRIOR APPLICATION NUMBER: 60/025,204
; PRIOR FILING DATE: August 1, 1996
; PRIOR APPLICATION NUMBER: 08/903,471
; PRIOR FILING DATE: July 30, 1997
; PRIOR APPLICATION NUMBER: 60/025,478
; PRIOR FILING DATE: July 31, 1996
; PRIOR APPLICATION NUMBER: 08/903,556
; PRIOR FILING DATE: July 31, 1997
; PRIOR APPLICATION NUMBER: 60/025,217
; PRIOR FILING DATE: August 22, 1996
; PRIOR APPLICATION NUMBER: 08/937,142
; PRIOR FILING DATE: September 23, 1997
; PRIOR APPLICATION NUMBER: 60/026,598
; PRIOR FILING DATE: September 24, 1996
; PRIOR APPLICATION NUMBER: 08/960,746
; PRIOR FILING DATE: October 29, 1997
; PRIOR APPLICATION NUMBER: 60/030,144
; PRIOR FILING DATE: October 30, 1996
; PRIOR APPLICATION NUMBER: 08/826,847
; PRIOR FILING DATE: April 10, 1997
; PRIOR APPLICATION NUMBER: 60/015,533
; PRIOR FILING DATE: April 10, 1996
; PRIOR APPLICATION NUMBER: 08/755,524
; PRIOR FILING DATE: November 22, 1996
; PRIOR APPLICATION NUMBER: 60/007,495
; PRIOR FILING DATE: November 22, 1995
; PRIOR APPLICATION NUMBER: 09/021,031
; PRIOR FILING DATE: February 10, 1998
; PRIOR APPLICATION NUMBER: 60/039,325
; PRIOR FILING DATE: February 13, 1997
; PRIOR APPLICATION NUMBER: 09/035,172
; PRIOR FILING DATE: March 4, 1998

; PRIOR APPLICATION NUMBER: 60/040,431
; PRIOR FILING DATE: March 5, 1997
; PRIOR APPLICATION NUMBER: 09/041,894
; PRIOR FILING DATE: March 12, 1998
; PRIOR APPLICATION NUMBER: 60/040,199
; PRIOR FILING DATE: March 14, 1997
; PRIOR APPLICATION NUMBER: 09/050,817
; PRIOR FILING DATE: March 30, 1998
; PRIOR APPLICATION NUMBER: 60/043,792
; PRIOR FILING DATE: April 11, 1997
; PRIOR APPLICATION NUMBER: 09/074,999
; PRIOR FILING DATE: May 8, 1998
; PRIOR APPLICATION NUMBER: 60/048,431
; PRIOR FILING DATE: May 29, 1997
; PRIOR APPLICATION NUMBER: 09/107,592
; PRIOR FILING DATE: June 30, 1998
; PRIOR APPLICATION NUMBER: 60/052,751
; PRIOR FILING DATE: July 1, 1997
; PRIOR APPLICATION NUMBER: 09/094,079
; PRIOR FILING DATE: June 9, 1998
; PRIOR APPLICATION NUMBER: 60/049,975
; PRIOR FILING DATE: June 13, 1997
; NUMBER OF SEQ ID NOS: 35654
; SOFTWARE: PERL Program
; SEQ ID NO 34637
; LENGTH: 294
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: rat00084384
US-09-540-210B-34637

Query Match 72.4%; Score 15.2; DB 5; Length 294;
Best Local Similarity 85.0%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 taacacctcgcaactggaga 21
   || ||||| || |||||
Db 17 tatcacctcccagctggaga 36

RESULT 14
US-10-027-632-224405
; Sequence 224405, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 224405
; LENGTH: 598
; TYPE: DNA
; ORGANISM: Human
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US-10-027-632-224405

Query Match 72.4%; Score 15.2; DB 7; Length 598;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctcgcaactggag 20
||| ||||| |||||
Db 7 ctaaagcctcgcaagtggag 26

RESULT 15
US-10-027-632-20739
; Sequence 20739, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20739
; LENGTH: 723
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-20739

Query Match 72.4%; Score 15.2; DB 7; Length 723;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctcgcaactggag 20
||| ||||| |||||
Db 646 ctgacacctggcaaatggag 665

Search completed: August 22, 2002, 00:51:01
Job time: 11901 sec